



*IFed*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Nemawarkar et al.

Attorney Docket No.: NWISP041

Application No.: 10/635,705

Examiner: James F. Sugent

Filed: 08-05-2003

Group: 2116

Title: SYNCHRONIZED COMMUNICATION  
BETWEEN MULTI-PROCESSOR CLUSTERS OF  
MULTI-CLUSTER COMPUTER SYSTEMS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on **February 14, 2006** in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

*Mary Deauclaire*  
Mary Deauclaire

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 11589 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NWISP041).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read "Roger S. Sampson", is written over the printed name and registration number.

Roger S. Sampson  
Registration No. 44,314

P.O. Box 70250  
Oakland, CA 94612-0250

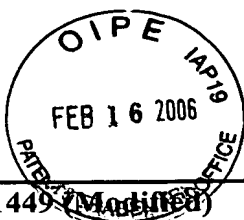
### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1	WO 02/39242	5/16/02	PCT			X	
	B2	EP0978781	2/9/00	EPO			X	

### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Copy of International Search Report dated July 30, 2004, from PCT Application No. PCT/US2003/034687, 9 pages (NWISP015.WO)
	C2	D. E. Culler, J. P. Singh, A. Gupta, "Parallel Computer Architecture", 1999 Morgan Kaufmann, San Francisco, CA USA XP002277658
	C3	Andrew Tanenbaum, "Computer Networks", Computer Networks, London: Prentice Hall International, GB, 1996, pp. 345-403, XP002155220
	C4	U.S. Office Action mailed September 21, 2005, from Application No. 10/157,384. (NWISP012)
	C5	U.S. Office Action mailed January 30, 2006, from Application No. 10/157,384. (NWISP012)
	C6	U.S. Office Action mailed October 20, 2005, from Application No. 10/156,893. (NWISP013)
	C7	U.S. Office Action mailed December 12, 2005, from Application No. 10/635,884. (NWISP039)
	C8	U.S. Office Action mailed November 15, 2005, from Application No. 10/635,793. (NWISP043)
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No.: NWISP041 Applicant: Nemawarkar, et al. Filing Date: 08-05-2003	Application No.: 10/635,705  Group: 2116
--	--	--

### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	2001/0037435	11/01/01	Van Doren, Stephen			3/21/01
	A2	2002/0007463	01/17/02	Fung, et al.			5/18/01
	A3	5,623,644	04/22/97	Self et al.			8/25/94
	A4	6,920,519	07/19/05	Beukema et al.			5/10/00
	A5	6,826,660	11/30/04	Hagersten et al.			2/11/02
	A6	6,578,071	06/10/03	Hagersten et al.			3/15/01
	A7	6,226,671	05/01/01	Hagersten et al.			7/30/98
	A8	6,047,332	04/04/00	Viswanathan et al.			6/30/97
	A9	5,301,311	04/05/94	Fushimi et al.			5/17/91
	A10	6,847,993	01/25/05	Novaes et al.			5/31/00
	A11	20030233388	12/18/03	Glasco et al.			5/28/02
	A12	20030225909	12/04/03	Glasco et al.			5/28/02
	A13	20040098475	05/20/04	Zeitler et al.			11/19/02
	A14	20020004915	01/10/02	Fung			5/18/01
	A15	5,561,768	10/01/96	Smith			3/17/92
	A16	6,219,775	04/17/01	Wade et al.			3/18/98
	A17	6,370,585	04/09/02	Hagersten et al.			9/4/98
	A18	5,682,512	10/28/97	Tetrick			6/30/95
	A19	5,692,123	11/25/97	Logghe			12/07/94
	A20	6,467,007	10/15/02	Armstrong et al.			05/19/99
	A21	6,463,529	10/08/02	Miller et al.			02/10/97
	A22	5,191,651	03/02/93	Halim et al.			04/08/97
	A23	5,197,130	03/23/93	Chen et al.			12/29/89
	A24	5,371,852	12/06/94	Attanasio et al.			10/14/92
	A25	6,256,671	07/03/01	Strentzsch et al.			06/24/98
	A26	6,259,701	07/10/01	Shur et al.			09/11/97
	A27	20010014097	08/16/01	Beck et al.			12/31/98
	A28	6,331,983	12/18/01	Haggerty et al.			05/06/97
	A29	6,338,122	01/08/02	Baumgartner et al.			12/15/98
	A30	6,397,255	05/28/02	Nurenberg et al.			12/23/98
	A31	20020156888	10/24/02	Lee et al.			12/21/01
	A32	6,760,819	07/06/04	Dhong et al.			06/29/01
	A33	6,856,621	02/15/05	Artes, Jari			10/10/00
	A34	4,667,287	05/19/87	Allen et al.			10/28/82
	A35	5,166,674	11/24/92	Baum et al.			06/21/91
	A36	5,931,938	08/03/99	Drogichen et al.			12/12/96